



Postdoctoral Fellow positions in Statistical Genomics are available

in Dr. Wenyi Wang's lab, at the Department of Bioinformatics and Computational Biology at the MD Anderson Cancer Center (MDACC). We aim to address questions in cancer biology using computational means through development of statistical methods and analysis of genomic data, such as deconvolution methods to understand tumor heterogeneity and evolution, and Bayesian semiparametric models for personalized cancer risk assessment. We have been closely affiliated with the Cancer Genome Atlas (<http://cancergenome.nih.gov>), NIH's flagship project, the International Cancer Genome Consortium (ICGC)-PanCancer Analysis Working Groups (PCAWG), the MDACC Program in Clinical Cancer Genetics, and MDACC Single Cell Sequencing Core.

We are currently recruiting similar minded, creative and enthusiastic data scientists. Statisticians interested in innovative modelling in high-throughput genomic data, as well as computer scientists with a strong interest in modeling of complex biological systems are encouraged to apply. We offer a highly stimulating environment for trainees. We provide opportunity to collaborate with innovative cancer researchers in breast, colorectal, and prostate cancer, and to participate in state-of-science clinical trials such as cancer immunotherapy. The successful candidates will be sponsored to apply for fellowships from national funding agencies.

Position Qualifications: We seek multiple highly motivated individuals that have acquired or are expecting a PhD degree in 2019 in statistics/biostatistics/bioinformatics/computer science or related quantitative fields. Must have methodology training in statistics/biostatistics; strong programming skills, specifically R/Python and preferably one lower level computer language such as C; strong interest in statistical methodology

research as well as in biological questions. Expertise in next-generation sequencing data analysis and a publication record in statistical genomics is required. Knowledge in cancer biology is desirable.

MD Anderson Cancer Center has topped U.S. News & World Report's "America's Best Hospitals" ranking eight times in the past 10 years. The Department of Bioinformatics and Computational Biology has brought together medical professionals, bioinformaticians, software engineers, and computational biologists to provide an environment where creative research is encouraged. The salary and benefits for postdoctoral fellows is highly competitive.

Send an introductory email titled "Postdoctoral application - Name" to ebdodd@mdanderson.org, with a CV and one-page research statement addressed to Dr. Wenyi Wang, on or before **March 31, 2019**.

See also

<http://odin.mdacc.tmc.edu/~wwang7/>

<http://bioinformatics.mdanderson.org>

MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability, or veteran status except where such distinction is required by law. All positions at The University of Texas MD Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. MD Anderson Cancer Center Smoke-free and drug-free environment.